



4-17-06

PTW 7/12/8

PTO/SB/17 (01-06)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL For FY 2006		Complete if Known		
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	09/929,465	
		Filing Date	August 14, 2001	
		First Named Inventor	Jeff Kirsner	
		Examiner Name	Tucker, Philip C.	
		Art Unit	1712	
TOTAL AMOUNT OF PAYMENT (\$)		180.00	Attorney Docket No.	HALB:020

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☒ Deposit Account Deposit Account Number: 50-0807 Deposit Account Name: Karen B. Tripp, Attorney

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description

	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims Extra Claims Fee (\$)

- 20 or HP = x =

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims Extra Claims Fee (\$)

- 3 or HP = x =

HP = highest number of independent claims paid for, if greater than 3.

Multiple Dependent Claims

Fee (\$)

Fee Paid (\$)

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	=	

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Supplemental Information Disclosure Statement

Fees Paid (\$)

180.00

SUBMITTED BY

Signature	<i>Karen B. Tripp</i>	Registration No. (Attorney/Agent)	30,452	Telephone	713 658 9323
Name (Print/Type)	Karen B. Tripp			Date	April 14, 2006

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/21 (09-04)
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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	09/929,465
Filing Date	August 14, 2001
First Named Inventor	Jeff Kirsner
Art Unit	1712
Examiner Name	Tucker, Philip C.
Attorney Docket Number	HALB:020

ENCLOSURES (Check all that apply)

- | | | |
|---|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form
<input checked="" type="checkbox"/> Fee Attached
<input type="checkbox"/> Amendment/Reply
<input type="checkbox"/> After Final
<input type="checkbox"/> Affidavits/declaration(s)
<input type="checkbox"/> Extension of Time Request
<input type="checkbox"/> Express Abandonment Request
<input checked="" type="checkbox"/> Information Disclosure Statement

<input type="checkbox"/> Certified Copy of Priority Document(s)
<input type="checkbox"/> Reply to Missing Parts/
Incomplete Application
<input type="checkbox"/> Reply to Missing Parts
under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)
<input type="checkbox"/> Licensing-related Papers

<input type="checkbox"/> Petition
<input type="checkbox"/> Petition to Convert to a
Provisional Application
<input type="checkbox"/> Power of Attorney, Revocation
Change of Correspondence Address
<input type="checkbox"/> Terminal Disclaimer
<input type="checkbox"/> Request for Refund
<input type="checkbox"/> CD, Number of CD(s) _____
<input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC

<input type="checkbox"/> Appeal Communication to Board
of Appeals and Interferences

<input type="checkbox"/> Appeal Communication to TC
(Appeal Notice, Brief, Reply Brief)

<input type="checkbox"/> Proprietary Information

<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Other Enclosure(s) (please identify
below):
Return Receipt Postcard |
|---|--|---|

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Karen B. Tripp, Attorney at Law		
Signature			
Printed name	Karen B. Tripp		
Date	April 14, 2006	Reg. No.	30,452

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Karen B. Tripp	Date	April 14, 2006

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form

(Use as many sheets as necessary)

Complete if Known

Application Number	09/929.465
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Filing Date	August 14, 2001
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First Named Inventor	Jeff Kirsner
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Art Unit	1712
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Examiner Name	TUCKER, PHILIP C.
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Sheet	1	of	8
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Attorney Docket Number	HALB:020
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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	LA	Baroid Drilling Fluids, Inc. brochure entitled "PETROFREE (TM) The Biodegradable Solution for High-Performance Drilling," (1998) 8 pages	
	LB	A. Samuels, "H2S Need Not Be Deadly, Dangerous, Destructive, Soc. Petroleum Engineers, SPE 5202, (1974)	
	LC	R.K. Clark, et al., "Polyacrylamide/Potassium-Chloride Mud for Drilling Water-Sensitive Shales," J Petroleum Tech. 719-727 SPE 5514 (June 1976)	
	LD	J.E. Friedheim, et al, "An Environmentally Superior Replacement for Mineral-Oil Drilling Fluids," 299-312, SPE 23062, (Sept. 3-6, 1991)	
	LE	J. H. Rushing, et al, "Bioaccumulation from Mineral Oil-WEt and Synthetic Liquid-Wet Cuttings in an Estuarine Fish," 311-320, SPE 23350, (Nov. 10-14, 1991)	
	LF	F.V. Jones, et al., "The Chronic Toxicity of Mineral Oil-WEt and Synthetic Liquid-Wet Cuttings on an Estuarine Fish, Fundulus grandis," 721-730, SPE 23497, (Nov. 10-13, 1991)	
	LG	J.E. Friedheim, et al, "Superior Performance with Minimal Environmental Impact: A Novel Nonaqueous Drilling Fluid," 713-726, SPE 25753, (Feb. 23-25, 1993)	
	LH	S. Park, et al., "The Success of Synthetic-Based Drilling Fluids Offshore Gulf of Mexico: A Field Comparison to Coventional Systems," 405-418, SPE 26354, (1993)	
	LI	M. Slater, "Commonly Used Biodegradation Techniques for Drilling Fluid Chemicals, Are They Appropriate," 387-397, SPE/IADC 29376, (1995)	
	LK	J. Candler, et al, "Seafloor Monitoring for Synthetic-Based Mud Discharged in the Western Gulf of Mexico," 51-69, SPE 29694, (1995)	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
		Application Number	09/929,465
		Filing Date	August 14, 2001
		First Named Inventor	Jeff Kirsner
		Art Unit	1712
		Examiner Name	TUCKER, PHILIP C.
Sheet 2	of 8	Attorney Docket Number	HALB:020

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	LL	J.E. Friedheim, et al, "Second Generation Synthetic Fluids in the North Sea: Are They Better?", 215-228, IADC/SPE 35061, (1996)	
	LM	M. A. Legendre Zevallos, et al., "Synthetic-Based Fluids Enhance Environmental and Drilling Performance in Deepwater Locations," 235-242, SPE 35329 (1996)	
	LN	E.A. Vik, et al, "Factors Affecting Methods for Biodegradation Testing of Drilling Fluids for Marine Discharge," 697-711, SPE 35981 (1996)	
	LO	L. Bailey, et al, "Filtercake Integrity and Reservoir Damage," 111-120, SPE 39429, (1998)	
	LP	P.A. Bern, et al, "Barite Sag: Measurement, Modeling and Management," IADC/SPE 47784 (9 pages)(1998)	
	LQ	N. Hands, et al, "Optimising Inflow Performance of a Long Multi-Lateral Offshore Well in Low Permeability, Gas Bearing Sandstone:K14-FB 102 Case Study," SPE 50394 (1998) 14pp	
	LR	L. Xiao, et al, "Studies on the Damage Induced by Drilling Fluids in Limestone Cores," SPE 50711 (17 pages) (1999)	
	LS	A. Meinhold, "Framework for a Comparative Environmental Assessment of Drilling Fluids Used Offshore," SPE 52746 (10 pages) (1999)	
	LT	L.J. Fraser, et al, "Formation-Damaging Characteristics of Mixed Metal Hydroxide Drill-In Fluids and a Comparison with Polymer-Base Fluids," SPE 57714 (1999)	
	LU	P.A. Bern, et al., "Barite Sag: Measurement, Modeling, and Management," SPE 62051, SPE Drill. & Completion 15(1) 25-30 (March 2000)	

Examiner Signature	Date Considered
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		First Named Inventor	Jeff Kirsner
		Art Unit	1712
		Examiner Name	TUCKER, PHILIP C.
Sheet 3	of 8	Attorney Docket Number HALB:020	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	LV	A. Saasen, et al, "Prediction of Barite Sag Potential of Drilling Fluids from Rheological Measurements," SPE/IADC 29410 (Feb 26-Mar 2, 1995)	
	LW	P.I. Reid, et al, "Field Evaluation of a Novel Inhibitive Water-Based Drilling Fluid for Tertiary Shales," SPE 24979 (Nov. 16-18, 1992)	
	LX	W. Hite, et al, "Better Practices and Synthetic Fluid Improve Drilling Rates, Oil & Gas J. Online (Feb. 20, 1995)	
	LY	N. Hands, et al, "Drill-in Fluid Reduces Formation Damage, Increases Production Rates," Oil & Gas J. Online (1998)	
	LZ	J.P. Plank, "Water-Based Muds Using Synthetic Polymers Developed for High Temperature Drilling," Oil & Gas J. Online (1992)	
	MA	Brookfield Instruction Manual for SSV Vane Standard Spindle Set	
	MB	Brookfield Press Release on Vane Spindles (March 12, 2002), ThomasNet Product News Room	
	MC	EPA Development Document for Proposed Effluent Limitations Guidelines for Standards for Synthetic-Based Drilling Fluid and Other Non-Aqueous Drilling Fluids ... (Feb. 1999)	
	MD	Environmental Impacts of Synthetic Based Drilling Fluids, U.S. Dept of the Interior, Minerals Management Service, August 2000	
	ME	EPA Environmental Assessment of Proposed Effluent Limitations Guidelines for Synthetic-Based Drilling Fluids and Other Non-Aqueous Drilling Fluids ... (Feb. 1999)	

Examiner Signature		Date Considered	
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		First Named Inventor	Jeff Kirsner
		Art Unit	1712
		Examiner Name	TUCKER, PHILIP C.
Sheet 4	of 8	Attorney Docket Number	HALB:020

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	MF	"Horizontal Wells Offer Economic Advantage," Horizontal News, Fall 1996	
	MG	A. Saasen, et al, "Monitoring of Barite Sag Important in Deviated Drilling," Oil & Gas J. Online (1991)	
	MH	Novadril (TM) System, MI Technology Report (1993)	
	MI	G. Robinson et al, "Novel Viscometer for Improved Drilling Fluid Characterization, Baker Hughes INTEQ (1996)	
	MJ	N.J. Alderman, et al, "Vane Rheometry of Bentonite Gels," 39 J. Non-Newtonian Fluid Mechanics 291-310 (1991)	
	MK	API Recommended Practice Standard Procedure for Field Testing Oil-Based Drilling Fluids, API Rec. Prac. 13B--2, 3rd. ed. (Feb. 1998) American Petroleum Institute	
	ML	Deposition Transcript of David Carbajal, co-inventor of US 6,887,832, in Civil Action 6:05CV155, US Dist. Ct. (E.D. TX), Halliburton Energy Serv. v. M-I, LLC, (Jan. 12, 2006)	
	MM	Deposition Transcript of Kimberly Burrows, co-inventor of US 6,887,832 in Civil Action 6:05CV155, US Dist. Ct. (E.D. TX), Halliburton Energy Serv. v. M-I, LLC, (Oct. 26, 2005)	
	MN	Deposition Transcript of Don Siems, co-inventor of US 6,887,832 in Civil Action 6:05CV155, US Dist. Ct. (E.D. TX), Halliburton Energy Serv. v. M-I, LLC, (Dec. 12, 2005)	
	MO	Deposition Transcript of Jeff Kirsner, co-inventor of US 6,887,832 in Civil Action 6:05CV155, US Dist. Ct. (E.D. TX), Halliburton Energy Serv. v. M-I, LLC, (Feb. 15, 2006)	

Examiner Signature	Date Considered
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		Examiner Name	TUCKER, PHILIP C.		
Sheet	5	of	8	Attorney Docket Number	HALB:020

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	MP	Deposition Transcript of Karen Tripp, patent prosecuting attorney for US 6,887,832, CV 6:05CV155, US Dist. Ct. (E.D. TX), Halliburton Energy Serv. v. M-I, LLC, (Jan 26, 2006)	
	MQ	First Amended Complaint, Civil Action No. 6:05CV155, U.S. Dist. Court, Eastern Dist. of Texas, Tyler Div., Halliburton Energy Services, Inc. v. M-I, LLC., filed 1/27/1006	
	MR	M-I, LLC's 2nd Amended Answer, Affirmative Defenses, and Counterclaims, Civil Action No. 6:05CV155, U.S. Dist. Court, Eastern Dist. of Texas, Tyler Div., filed 2/10/2005	
	MS	Plaintiff's Preliminary Infringement Contentions, Civil Action No. 6:05CV155, U.S. Dist. Court, Eastern Dist. of Texas, Halliburton Energy Services, Inc. v. M-I LLC, 9/16/2005	
	MT	M-I, LLC's Preliminary Invalidity Contentions, CA No. 6:05CV155, U.S. Dist. Court, Eastern Dist. of Texas, Halliburton Energy Services, Inc. v. M-I, LLC, 10/28/2005	
	MU	K. Burrows, et al., "New Low Viscosity Ester is Suitable for Drilling Fluids in Deepwater Applications," SPE 66553, Feb. 2001 (14 pages)	
	MV	L.F. Nicora, "High-Density Invert-Emulsion System with Very Low Solids Content to Drill ERD and HPHT Wells," SPE 65000, Feb. 2001 (17 pages)	
	MW	D. Eckhout, et al., "Development Process and Field Applications of a New Ester-based Mud System for ERD Wells on Australia's Northwest Shelf," IADC/SPE 62791 (Sept. 2002)	
	MX	M. Mas, et al, "A New High-Temperature Oil-Based Drilling Fluid," SPE 53941, Venezuela April 1999 (14 pages)	
	MY	C. Cameron, et al, "Drilling Fluids Design and Management for Extended Reach Drilling," IADC/SPE 72290, Oct. 2001 (7 pages)	

Examiner Signature	Date Considered
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Sheet 6	of 8	Attorney Docket Number	HALB:020

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	MZ	L. Knox, et al, "New Developments in Ester-based Mud Technology," AADE-02-DFWM-HO-41, April 2002 (9 pages)	
	NA	L.J. Fraser, "Field Application of the All-Oil Drilling Fluid," IADC/SPE 19955, Feb. 27-Mar. 2, 1990)	
	NB	Halliburton's Proposed Terms and Claim Elements for Construction, CV 6.05CV155, US Dist. Ct. (E.D. TX), Halliburton Energy Serv. v. M-I, LLC, 11/21/2005	
	NC	Defendant M-I, L.L.C.'s List of Disputed Claim Terms, Civil Action No. 6:05CV155, U.S. Dist. Court, (E.D. TX), Halliburton Energy Services, Inc. v. M-I LLC, 11/21/2005	
	ND	Plaintiff's Preliminary Claim Constructions Pursuant to Local Patent Rule 4-2, CV 6.05CV155, US Dist. Ct. (E.D. TX), Halliburton Energy Serv. v. M-I, LLC, 12/23/2005	
	NE	Defendant M-I, LLC's Preliminary Claim Construction and Identification of Extrinsic Evidence for U.S. Patent No. 6,887,832, CV 6.05CV155, US Dist. Ct. (E.D. TX), 12/23/2005	
	NF	Joint Claim Construction and Prehearing Statement Pursuant to P.R. 4-3, CV 6.05CV155, US Dist. Ct. (ED TX), Halliburton Energy Serv. v. M-I, LLC 1/20/2006	
	NG	Defendant M-I, LLC's Motion for Summary Judgment of Invalidity with Respect to U.S. Patent No. 6,887,832,	
	NH	M-I LLC's Motion for Leave to Add Inequitable Conduct Defense to its Pleadings, CV 6.05CV155, US Dist. Ct. (ED TX), Halliburton Energy Serv. v. M-I, LLC, 1/26/2006	
	NI	Halliburton's Opposition to M-I's Motion for Leave to Add Inequitable Conduct Defense to its Pleadings, CV 6.05CV155, US Dist. Ct., Halliburton v. M-I, 2/13/2006	

Examiner Signature	Date Considered
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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
		Application Number	09/929,465
		Filing Date	August 14, 2001
		First Named Inventor	Jeff Kirsner
		Art Unit	1712
		Examiner Name	TUCKER, PHILIP C.
Sheet 7	of 8	Attorney Docket Number	HALB:020

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	NJ	Plaintiff's Initial Disclosures, Civil Action 6.05CV155, US Dist. Ct. (ED TX), Halliburton Energy Services, Inc. v. M-I, LLC, 9/16/2005	
	NK	Defendant M-I, LLC's Initial Disclosures, Civil Action 6.05CV155, US Dist. Ct. (ED TX), Halliburton Energy Services, Inc. v. M-I, LLC, 8/19/2005	
	NL	Plaintiff Halliburton's Objections and Responses to Defendant M-I LLC's First Set of Requests for Production, Civil Action 6.05CV155, Halliburton v. MI, 8/26/2005	
	NM	Plaintiff Halliburton's Objections and Responses to Defendant M-I LLC's First Set of Interrogatories, Civil Action 6.05CV155, Halliburton v. MI, 8/26/2005	
	NN	Plaintiff Halliburton's Supplemental Responses and Objections to Defendant M-I LLC's First Set of Interrogatories, Civil Action 6.05CV155, Halliburton v. MI, 10/25/2005	
	NO	M-I, LLC's Responses to Plaintiff's First Set of Interrogatories to Defendant (Nos. 1-21), Civil Action 6.05CV155, US Dist. Ct. (ED TX), Halliburton v. MI, 11/16/2005	
	NP	Halliburton's Opening Brief on Claim Construction, Civil Action 6.05CV155, US Dist. Ct. (ED TX), Halliburton Energy Services, Inc. v. M-I, LLC, 3/17/2006	
	NQ	Halliburton's Unopposed Motion for Leave to Exceed Page Limit for its Markman Brief, CV 6.05CV155, US Dist. Ct., Halliburton Energy Services, Inc. v. M-I, LLC, 3/17/2006	
	NR		
	NS		

Examiner Signature		Date Considered	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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First Named Inventor	Jeff Kirsner
Art Unit	1712
Examiner Name	TUCKER, PHILIP C.
Attorney Docket Number	HALB:020

Sheet	8
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Attorney Docket Number

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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)				
	NU	CA 2 088 697	02-20-1992	Heinz Mueller et al		
	NV	WO 95 26386	10-05-1995	Wilkinson et al.		
	NW	WO 96 22342	07-25-1996	M. Ellice et al.-BAROID		

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